V0 1 2 3	4 5(KEPAPTT) ₇₆ 7 8 9 10-12							
V1 1 2 3	(KEPAPTT) ₇₆ 7 8 9 10-12							
V2 1 2 3	(KEPAPTT) ₇₆ 7 8 9 10-12							
V3 1 3(KEPAPTT) ₇₆ 7 8 9 10-12								
2 3	SOMATOMEDIN B-LIKE DOMAIN							
4 5	HEPARIN SULFATE BINDING DOMAIN							
···(KEPAPTT) ₇₆ ····	EXON 6 BOUNDARY LUBRICATION DOMAIN							
8 9	HEMOPEXIN-LIKE REPEATS							

Fig. 1A

	ARTICULAR CHONDROCYTES			SYNOVIAL FIBROBLASTS			
LUBRICIN/MFS ISOFORM	EXON 2	EXON 4	EXON 5	EXON 2	EXON 4	EXON 5	PREDICTED MOLECULAR WEIGHT
V0	+	+	+	+	+	+	151.096 kDa
V1	+	+	-	+	+	-	146.327 kDa
V2	+	•	-	+	•	-	140.894 kDa
V3		-	-	-	-	-	135.207 kDa

Fig. 1B

502 630 V1 ATA ACA GAA [GAA···AAA] GTA AAA GAT AAC 352 630 V2 TGT GCA GAA [GTG···AAA] GTA AAA GAT AAC exon 3 C¹⁰⁴ A¹⁰⁵ E¹⁰⁶ N²⁰³ V^{200} K 109 231 352 **630** V3 TCA TCT CAA [GAT...GCG] GAG···GAA [GTG···AAA] GTA AAA GAT AAC $\frac{\text{exon 3}}{\text{E}^{67} \cdot \cdot \cdot \text{E}^{106}}$ V²⁰⁰ K N²⁰³

Fig. 2